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1AP20 Rec'd PCT/PTO 29 MAR 2006

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q93507

Kouji MATSUO, et al.

Appln. No.: Based on PCT/JP2004/014152

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: March 29, 2006

Examiner: Unknown

For: GAS SENSOR

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

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IAP20030107PTO 29 MAR 2006

Information Disclosure Statement
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filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2004/014152 dated January 18, 2005), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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WASHINGTON OFFICE

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Date: March 29, 2006

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| Substitute for Form 1449 A & B/PTO <div style="text-align: center;"> <u>INFORMATION DISCLOSURE</u> <u>STATEMENT BY APPLICANT</u> </div> <p style="text-align: center;"><i>(use as many sheets as necessary)</i></p> | | <div style="text-align: center;"><i>Complete if Known</i></div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">Based on PCT/JP2004/014152</td> </tr> <tr> <td>Confirmation Number</td> <td>Unknown</td> </tr> <tr> <td>Filing Date</td> <td>March 29, 2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Kouji MATSUO</td> </tr> <tr> <td>Art Unit</td> <td>Unknown</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> <tr> <td>Attorney Docket Number</td> <td>Q93507</td> </tr> </table> | | Application Number | Based on PCT/JP2004/014152 | Confirmation Number | Unknown | Filing Date | March 29, 2006 | First Named Inventor | Kouji MATSUO | Art Unit | Unknown | Examiner Name | Unknown | Attorney Docket Number | Q93507 |
| Application Number | Based on PCT/JP2004/014152 | | | | | | | | | | | | | | | | |
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| First Named Inventor | Kouji MATSUO | | | | | | | | | | | | | | | | |
| Art Unit | Unknown | | | | | | | | | | | | | | | | |
| Examiner Name | Unknown | | | | | | | | | | | | | | | | |
| Attorney Docket Number | Q93507 | | | | | | | | | | | | | | | | |
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| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|-----------------|---|--------------------------------|---|
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document |
| | | Number | Kind Code ² <i>(if known)</i> | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|-----------------------|---------------------------|---------------------|---|--------------------------------|---|--------------------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Translation ⁶ |
| | | Country Code ³ | Number ⁴ | Kind Code ⁵ <i>(if known)</i> | | | |
| | | JP | 58-156845 | A | 09-17-1983 | Robert Bosch GmbH | Abstract |
| | | JP | 8-68776 | A | 03-12-1996 | E I. Du Pont De Nemours & Co. | Abstract |
| | | JP | 2001-133431 | A | 05-18-2001 | NGK Spark Plug Co. Ltd. | Abstract |
| | | JP | 2003-43003 | A | 02-13-2003 | NGK Spark Plug Co. Ltd. | Abstract |
| | | JP | 6-12527 | | 03-30-1994 | Japan Electronic Control Systems Co., Ltd. | Machine translation |
| | | JP | 5-94759 | U | 12-24-1993 | Japan Electronic Control Systems Co., Ltd. | Machine translation |
| | | JP | 2001-147213 | A | 05-29-2001 | Denso Corp. | Abstract |
| | | JP | 2001-153833 | A | 06-08-2001 | NGK Spark Plug Co. Ltd. | Abstract |
| | | JP | 2001-311713 | A | 11-09-2001 | Denso Corp. | Abstract |
| | | | | | | | |
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| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|--------------------------|
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